


GenNET

Academic Options for Schools

A Report to the House Education Committee

Thomas Svitkovich, Ed.D.
Superintendent
Beverly Knox-Pipes,
Assistant Superintendent

Genesee Intermediate School District
April 23, 2005

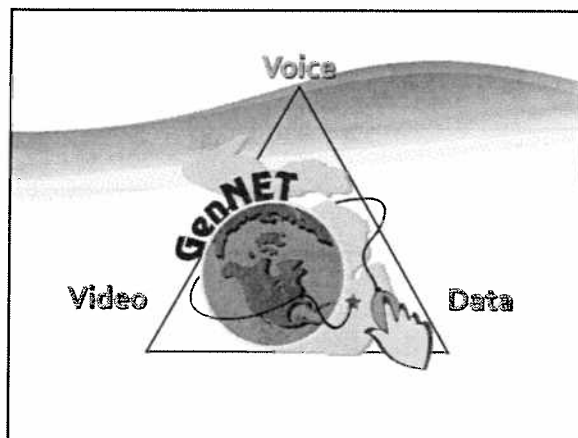


The Consortium was formed... 1995

Owned & operated by the 21 public school districts of Genesee County, Michigan & Genesee ISD....

Vision:
Provide Genesee County learners an *interactive* telecommunications path to the world.

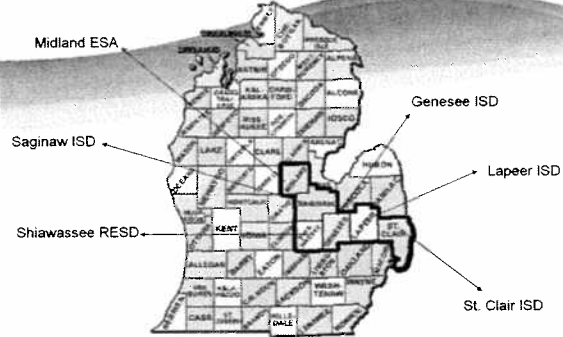
www.geneseeisd.org



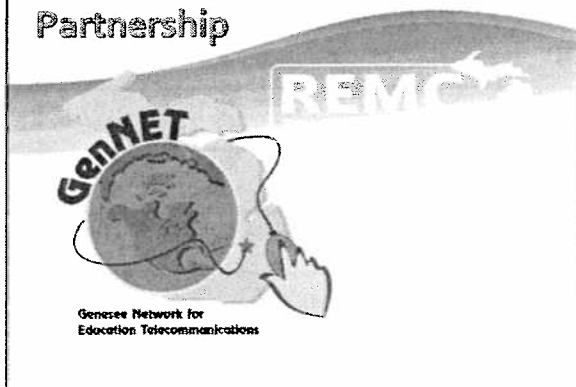
GenNET Snapshot: Infrastructure

- 425 miles of installed fiber
- 209 school buildings connected
- 50 mbps of Internet capacity
- 30,000 computers
- 5,000 phones
- Anti-virus
- Security
- Content filtering

Multi-District Consortium



Partnership



GenNET Review

- Virtual High School Resources
 - OnLine Courses
 - Interactive Television Courses
 - Blackboard
- County Wide Seat Time Waiver
 - Serving 21 districts
 - Serving 139 Students
- County Wide Education Development Plan (EDP)
 - 33,000 completed

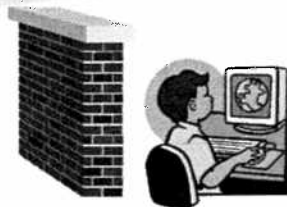


Awards and Recognition

- MASB Special Achievement Technology Award
- MACUL: Technology Coordinator Award of Excellence
- NSBA: Technology Leadership Network Salute

Breaking Down Classroom Walls

- It doesn't matter which of the many available technologies you use.
- The goal is the same...to transport information, *not People.*





"In this media-drenched era of blogs and podcasts, Google searches and instant messages, young people need to acquire a new set of skills that allows them to locate information, sort through it quickly, and most important, determine which sources are reliable and which ones aren't."

Time Magazine, December 2006







New Law in Michigan

Michigan now requires online learning for all students as a strategy to further develop and practice 21st Century learning skills.



Definition of Online Learning

"A structured learning activity that utilizes technology with intranet or Internet-based tools and resources as the delivery method for instruction, research, assessment, and communication."

State Board of Education Guidelines, 2006

Overview of Michigan Merit Curriculum

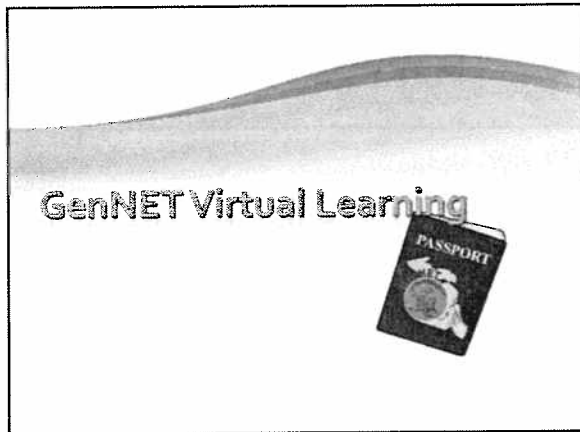
- 2011 Requirements (2006 8th grade class)
 - 4 English Language Arts
 - 4 Mathematics (1 in senior year)
 - 3 Science
 - 3 Social Studies
 - 1 Physical Education/Health
 - 1 Visual, Performing, and Applied Arts
 - On-line course/experience
- 2016 Requirements (2006 3rd grade class)
 - 2 credits/experience in Languages other than English

Michigan Merit Curriculum Guidelines for Online Learning Require that Students:

- ♦ Take an online course; or
- ♦ Participate in an online experience; or
- ♦ Participate in online experiences incorporated into each of the required credit courses of the Michigan Merit Curriculum

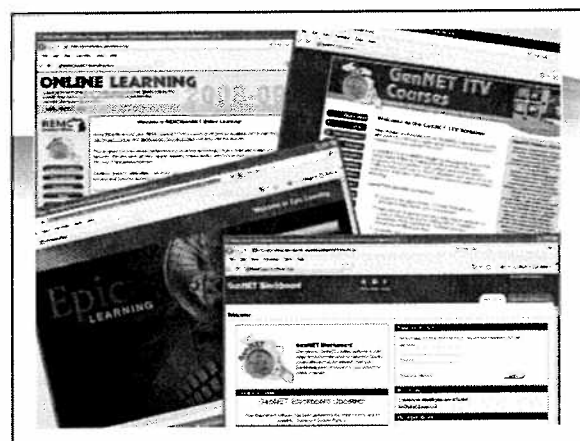
Delivery Formats

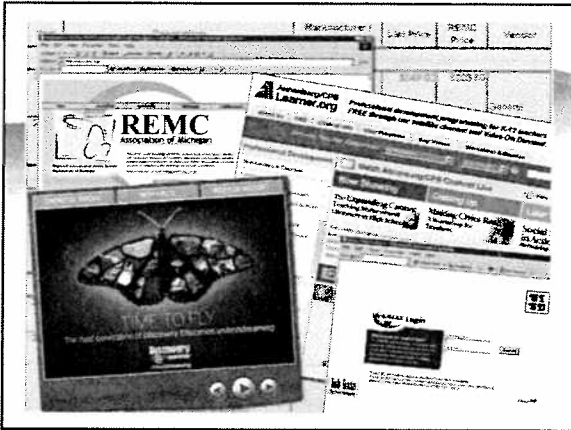
- Teacher-Led
 - Course delivery via Learning Mgmt System
- Blended Instruction
 - Instruction may include F2F, ITV, Video Conferencing **and must have** an LMS component
- Teacher-Facilitated
 - Instructor motivates, leads, structures the experience
- Self-Paced
 - Student is solely responsible for instruction and success
 - Tutorial types of online instruction
 - "Teacherless" courses



GenNET Snapshot: Instructional

- 71 instructional television (ITV) sections
 - 26 high school ITV sites
 - 26 middle school ITV sites
 - 44 proposed elementary school ITV sites
- 743 online courses
- 145 virtual field trips
- 288 collaborative projects at middle school & elementary levels
- 402 professional development sessions via ITV

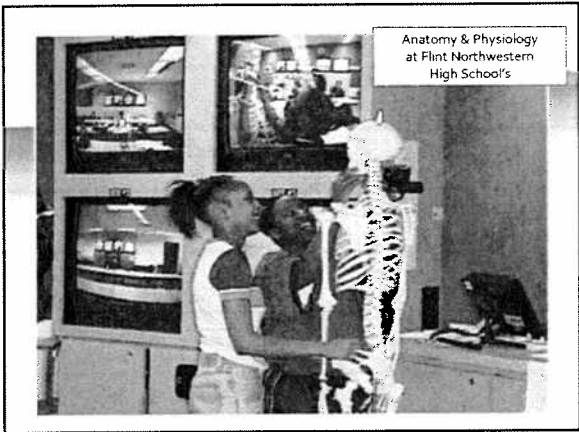




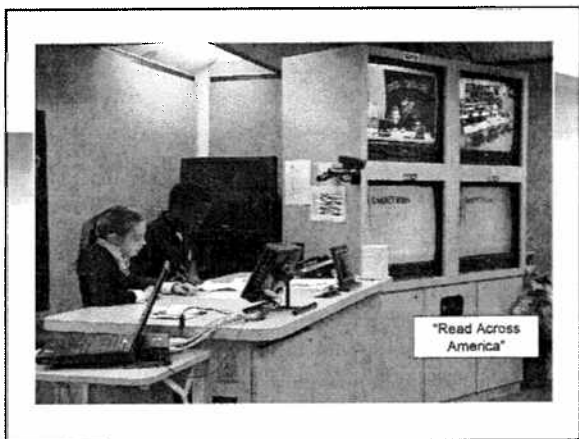
GenNET ITV Courses: 2008-09

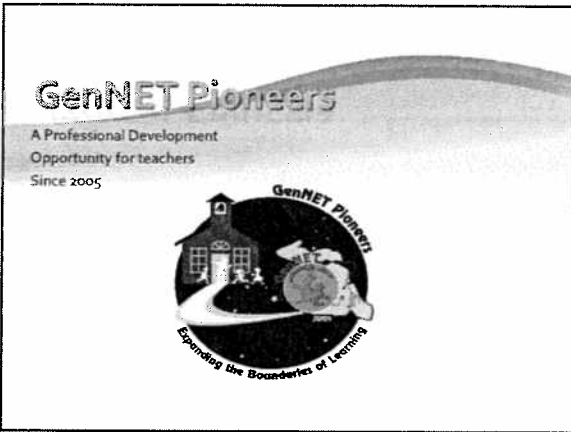
<ul style="list-style-type: none"> • Abnormal Psychology • Accounting I • Advanced Music Theory • Anatomy & Physiology • AP Biology • AP Calculus • AP Literature/Composition • AP U.S. History • ASL I, II & III • Astronomy • Black History • Chinese I (Mandarin) • Chinese Language & Culture 	<ul style="list-style-type: none"> • Criminal Justice • Forensic Science • German I • History of Sport in America • Holocaust • Intro To Law (Criminal) • Intro to Music History • Japanese I & II • Marine Biology • Psychology • Russian I • Sports Medicine
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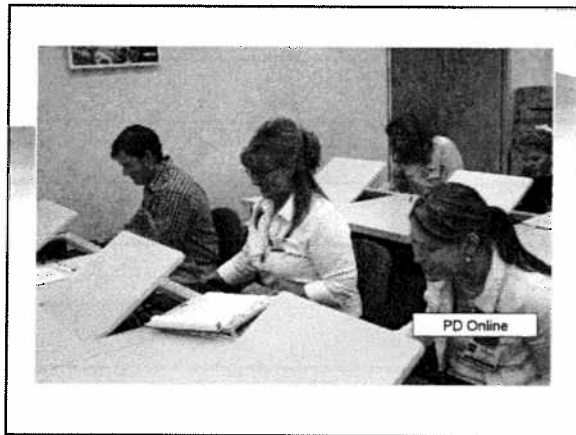




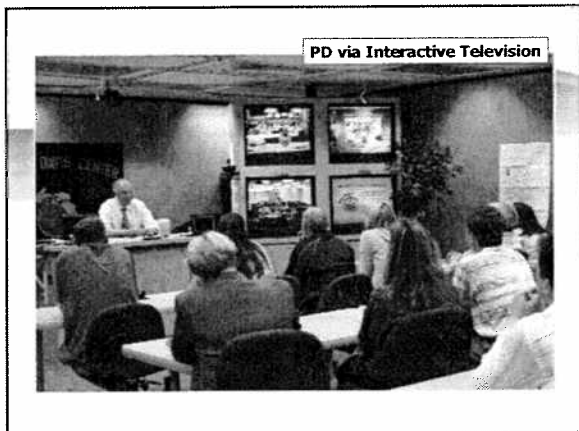


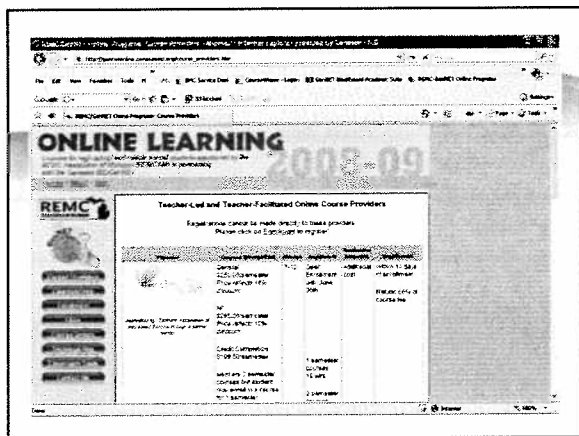














Accrediting Agencies



Courses Available

- 743 *teacher-led* course offerings for High School and Middle School students including:
 - General Education
 - Honors
 - Advanced Placement
 - Credit Recovery

Sample Credit Recovery Courses

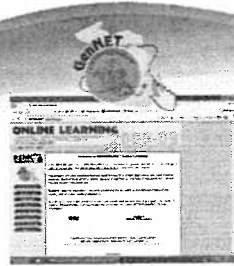
- | | |
|-----------------------|--------------------|
| ♦ American Government | ♦ English |
| ♦ Algebra | ♦ Geometry |
| ♦ Biology | ♦ Health |
| ♦ Chemistry | ♦ Life Science |
| ♦ Civics | ♦ Physical Science |
| ♦ Earth Science | ♦ Pre-Algebra |
| ♦ Economics | ♦ World History |

Classroom Support Tools

- Free Course Preparation Materials
- Free Interactive Practice Exams (AP, ACT, SAT, etc.) through MEL & Library of Michigan

Going Virtual

- Identify student need
- Find a course provider
 - GenNET – in our own backyard
 - REMC Project
 - Delivery options
 - Course options
 - Variety of course fees
- GenNET has it covered
 - Classes start when YOU want them to
 - 24/7 online mentor

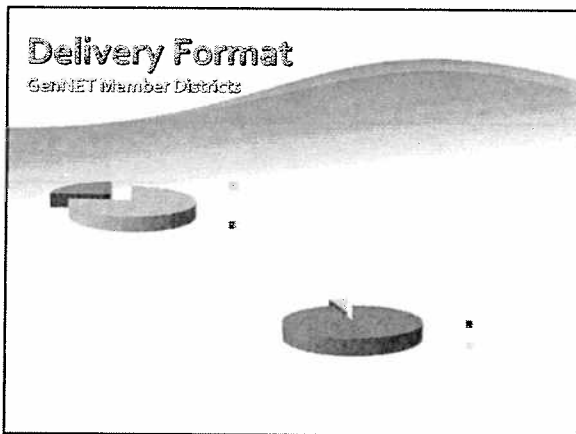


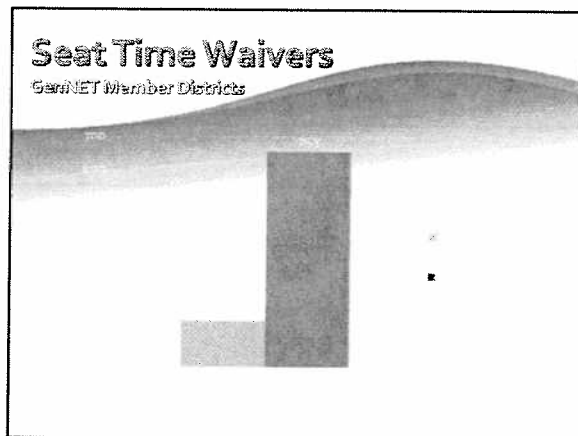
www.gennet.us

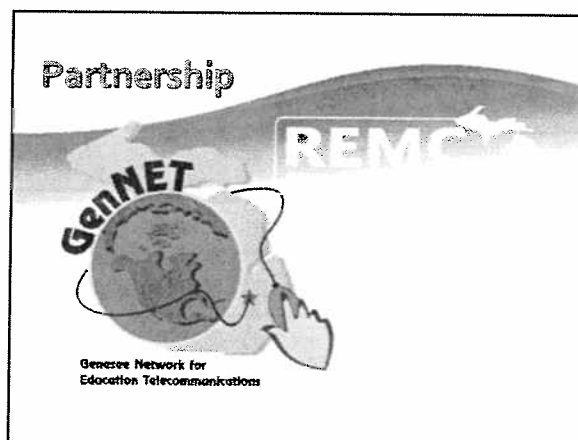
Online Participation Summary

Statewide









History

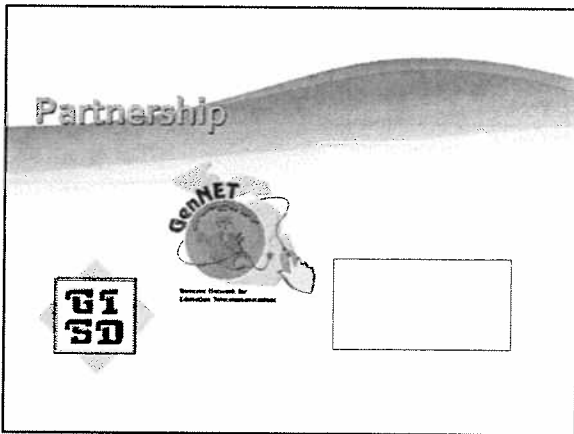
- Since 2001, the Genesee Network for Education Telecommunications (GenNET) has offered to GenNET member districts online opportunities.
- Modeled after the successful GenNET ITV Program.
- 2006-07 school year, the REMC/GenNET Online Learning Program evolved.

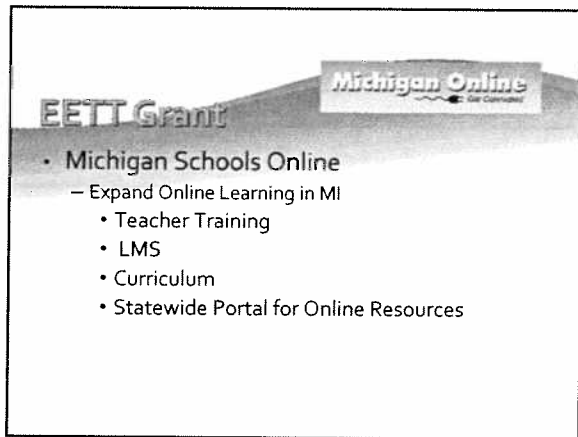
The Goal of the Partnership

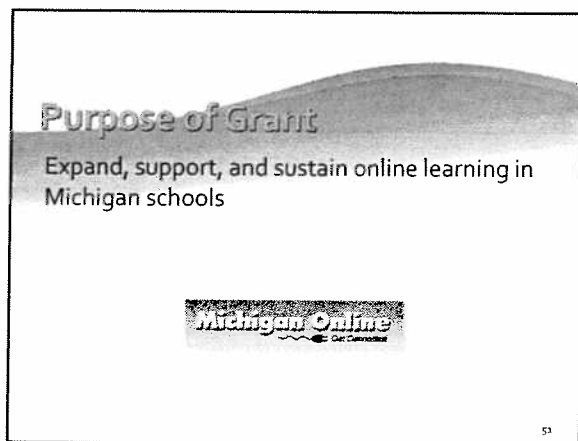
Equip Michigan school districts with a variety of cost-effective course *options* from multiple providers to meet and enhance curriculum standards and needs in Michigan schools.

Benefits

- Statewide and multi-state buying power for quality online learning experiences/courses
- Regional support to local school districts and students using the existing ISD/REMC infrastructure to meet the new high school graduation requirements.
- Multiple options to enhance local curriculum opportunities and more importantly support diverse learning styles.

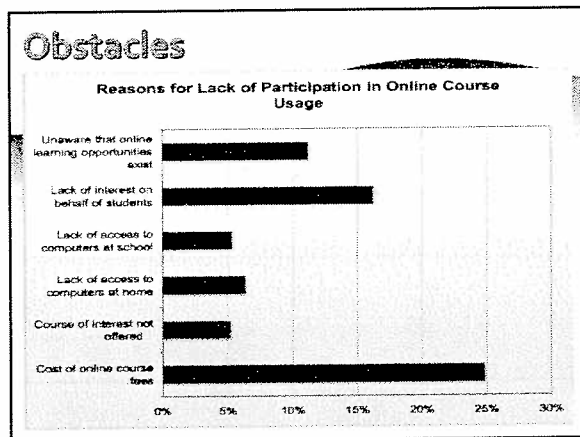






Grant Objectives

- Create Michigan Educators Portal
- Identify and/or Create Professional Development for Michigan Teachers beginning with grades 6-12
- Identify and disseminate Free or low cost digital curriculum that is aligned to the GLCES and HSCES
- Assess every schools ability to access a learning management system
- Support innovative thinking "outside the box" to meet student needs (i.e. Seat Waiver Opportunities)



Status 2008-09

- ♦ Over 200 teachers trained in the *Teaching and Learning Online* professional development
- ♦ Provided *Teaching and Learning Online* course content free to all
- ♦ Purchased Algebra I Intervention course content & provided free to all
- ♦ Purchased Algebra I Intervention course
- ♦ Working with Math consultants to create online PD
- ♦ Creating PORTAL for online resources

Testimonials

- "Our Special Education students taking math courses have had a phenomenal experience..."
- High School Principal (Brigham Young University Courses)
- "This has been a beneficial experience that has forced me to practice self-discipline."
- High School Student (Psychology, Keystone)

Questions?

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